

## CLAIMS

1. An isolated molecule comprising an [antibody variable region] which [specifically binds] to an extracellular domain of a [TEM] ? protein selected from the group consisting of: 1, 9, 17, 19, and 44, as shown in SEQ ID NO: (196, 212, 230, 232, and 271) respectively.
2. The isolated molecule of claim 1 which is an in tact [antibody molecule.] *stop which one*
3. The isolated molecule of claim 1 which is a single chain variable region (ScFv).
4. The isolated molecule of claim 1 which is a monoclonal antibody.
5. The isolated molecule of claim 1 which is a humanized antibody.
6. The isolated molecule of claim 1 which is a human antibody.
7. The isolated molecule of claim 1 which is bound to a cytotoxic moiety.
8. The isolated molecule of claim 1 which is bound to a therapeutic moiety.
9. The isolated molecule of claim 1 which is bound to a detectable moiety.
10. The isolated molecule of claim 1 which is bound to an anti-tumor agent.

(11) A method of inhibiting neoangiogenesis, comprising:

administering to a subject in need thereof an effective amount of an isolated molecule comprising an antibody variable region which specifically binds to an extracellular domain of a TEM protein selected from the group consisting of: 1, 9, 17, 19, 22, and 44, as shown in SEQ ID NO: 196, 212, 230, 232, 238, and 271, respectively, whereby neoangiogenesis is inhibited.

12. The method of claim 11 wherein the subject bears a vascularized tumor. <sup>SP</sup>

13. The method of claim 11 wherein the subject has polycystic kidney disease. <sup>species</sup>

14. The method of claim 11 wherein the subject has diabetic retinopathy. <sup>SP</sup>

15. The method of claim 11 wherein the subject has rheumatoid arthritis. <sup>SP</sup>

16. The method of claim 11 wherein the subject has psoriasis.

17. A method of inhibiting tumor growth, comprising:

administering to a human subject bearing a tumor an effective amount of an isolated molecule comprising an antibody variable region which specifically binds to an extracellular domain of a TEM protein selected from the group consisting of: 1, 9, 17, 19, 22, and 44, as shown in SEQ ID NO: 196, 212, 230, 232, 238, and 271, respectively, whereby growth of the tumor is inhibited.